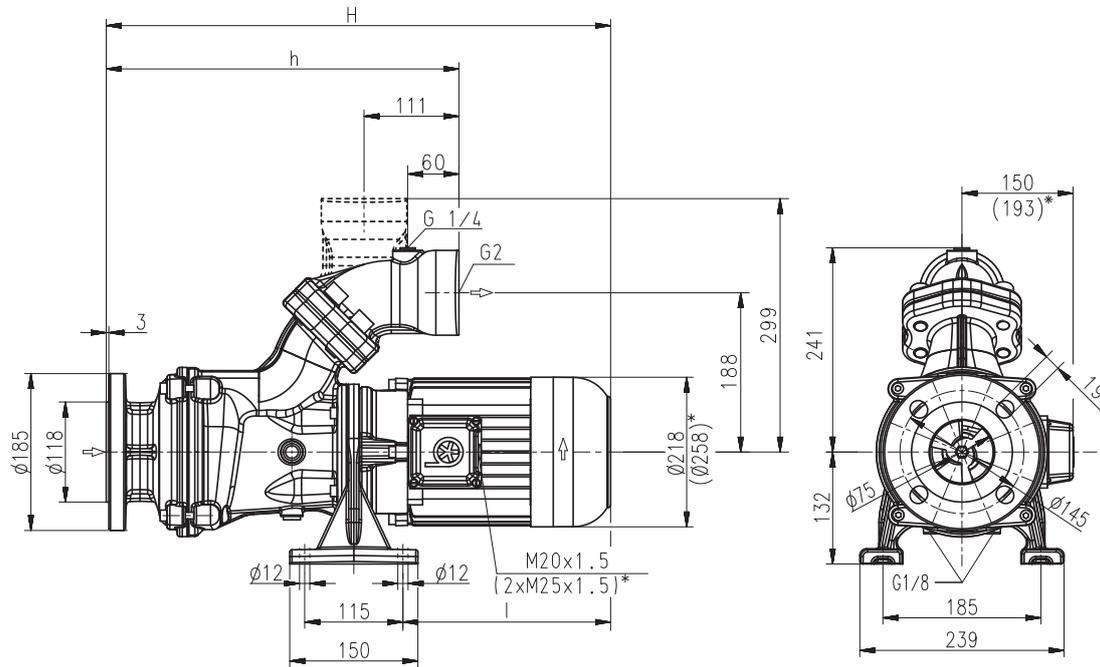


Horizontal End-Suction Pumps

SBA901...903

Axial/semi-open impellers

SBA901...903



*) Dimensions for SBA902, 903

Type	Vol. del. at manom. del. head	Dimensions		Length	Weight	Power kW	Voltage 3~ V	Frequency Hz	Current A	Speed 1/min
	l/min / m	H mm	h mm	l mm	kg					
SBA901	600/11	671	409	328	66	3.3	220-240	50	11.6	2930
							380-415	50	6.7	2930
						3.8	460	60	6.4	3520
SBA902	600/22	812	479	399	103	6.0	380-415	50	11.2	2950
						6.9	460	60	10.7	3550
SBA903	600/36	919	548	437	124	9.0	380-415	50	16.7	2955
						10.3	460	60	15.8	3550

Horizontal End-Suction Pumps

are centrifugal inline pumps with a compact design where the impeller is mounted onto the extended motor shaft. These pumps are not self-priming and must be gravity fed. All pumps are equipped with a single mechanical seal. Upon request a second mechanical seal is available for single-stage pumps to allow for dry-running (-GD).

This pump series is designed for horizontal installations next to a tank and for pumping **air entrained coolant** fluids, such as **water-soluble coolants or cutting oils**, as they occur in **high speed turning, milling or grinding applications**.

The SBA pumps are equipped with the user-friendly 45 degree **flange** connection which allows for either vertical or horizontal pipe connection and the connection of a pressure gauge with G 1/4.

For more information see mechanical features within the technical information section.

Applications

Types of fluid
coolants
cooling/cutting oils
Kinematic viscosity
...45 mm²/s (45 cSt)
Pumping temperature
0...80° C

Construction

Pump body	cast iron
Cover	cast iron
Impeller axial	cast steel
Impeller radial	cast steel
Shaft	steel
Mechanical seal	SiC
Noise level	
SBA901	71 dBA
SBA902...SBA903	74 dBA

